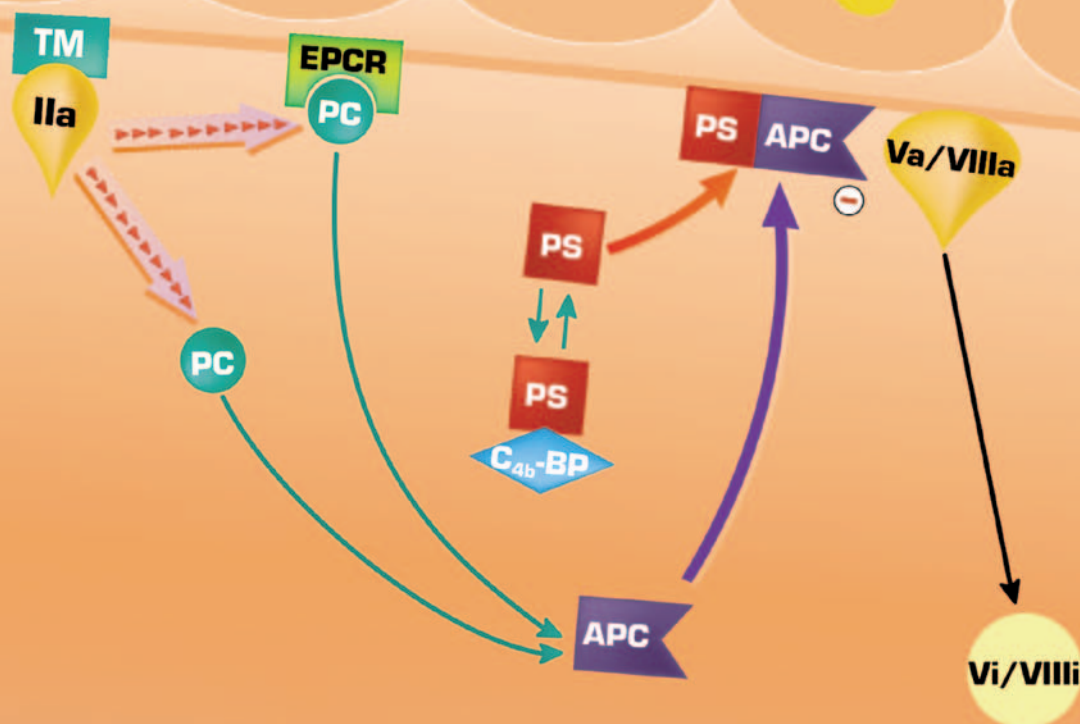


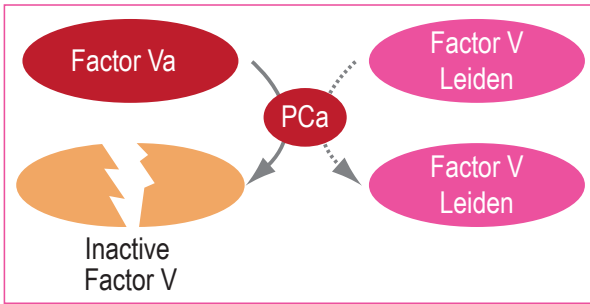
STA[®]-Staclot[®] APC-R



A reliable and simple APC-R detection assay

The STA[®]-Staclot[®] APC-R is a fully automated one-step assay on the STA[®] line, **no calibration** required

Diagnostic relevance



Resistance to activated protein C (APC-R) is the most frequently observed congenital thrombotic disorder in the Caucasian population. APC-R is mainly due to a genetic defect in Factor V, known as Factor V Leiden, which makes Factor V insensitive to the action of its natural inhibitor: APC.

STA®-Staclot® APC-R: a reliable detection assay

Based on:

- a selective activation of the sample's Factor X by *Crotalus verididis helleri* snake venom
- an inhibition of the activated Factor V, the Factor X cofactor, by the activated Protein C (APC).

For a normal sample, APC inhibits the Factor V.

→ The clotting time is longer than the cut-off of 120 seconds.

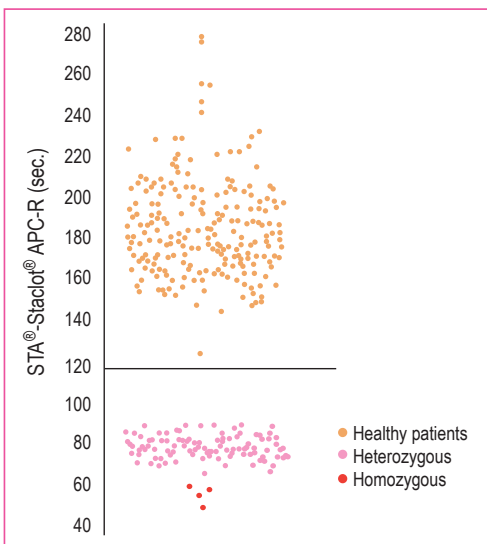
For a resistant sample, the Factor V Leiden is insensitive to the action of APC.

→ The clotting time is shortened and below the cut-off of 120 seconds.

One-step method

Fully automated assay on STA® line

STA®-Staclot® APC-R: a convenient assay



- Clinically validated reagent by molecular biology
- **No calibration** required: direct result interpretation according to a cut-off value (120 sec.)
- Excellent reproducibility
- Insensitive to heparin (1UI/mL)
- Insensitive to oral anticoagulant therapy
- Independent to the sample Proteins C and S levels
- Insensitive to factor deficiencies upstream of Factor X in the coagulation cascade

STA®-Staclot® APC-R: features

- Packaging: 4 x 2 mL
- Internal quality controls included: 2 x 2 x 1 mL
- Around 30 tests/vial
- Cat. Nr: 00721

For further information, please contact:


Stago

At the Heart of Haemostasis

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